

What is claimed is:

1. A magnetic head device including a magnetic head slider having a magnetic head element and a first electrode and a slider supporter having a second electrode that corresponds to the first electrode, wherein:

the magnetic head slider is fixed to the slider supporter and the first electrode of the slider and the second electrode of the slider supporter are electrically connected to each other with an anisotropic conductive resin.

2. A magnetic head device according to claim 1 including a plurality of the first electrodes formed in a surface of the slider, the surface facing the slider supporter, and a plurality of the second electrodes formed in a surface of the slider supporter, the surface facing the slider, wherein the electrodes facing one another are electrically connected to one another with the anisotropic conductive resin.

3. A magnetic head device according to claim 2 wherein at least one pair of the plurality of electrodes of the slider and the slider supporter are electrodes for grounding, the pair of electrodes facing each other.

4. A magnetic head device according to claim 3 wherein the magnetic head element is provided at an end portion of the slider and the electrode for grounding is provided in the other end portion of the slider.

5. A magnetic head device according to ~~any of claims 1 to 4~~ wherein the

Claim 1

magnetic head element is a magnetoresistive head element.

Claim 1

6. A magnetic head device according to ~~any of claims 1 to 4~~ wherein the anisotropic conductive resin includes an adhesive layer including a conductive filler.

Claim 1

7. A magnetic head device according to ~~any of claims 1 to 6~~ wherein the adhesive layer of the anisotropic conductive resin is a thermosetting resin.

8. A magnetic head device according to claim 7 wherein the thermosetting resin is an acrylic resin.

9. A magnetic head device according to claim 6 or 7 wherein the conductive filler is a silver powder.

10. A method of manufacturing a magnetic head device including a magnetic head slider having a magnetic head element and a first electrode and a slider supporter having a second electrode that corresponds to the first electrode, comprising the steps of:

applying an anisotropic conductive resin to at least either a surface of the magnetic head element facing the slider supporter or a surface of the slider supporter facing the magnetic head element, and placing the magnetic head element on the slider supporter; and

fixing the slider to the slider supporter and electrically connecting the

first electrode of the slider and the second electrode of the slider supporter to each other through curing the anisotropic conductive resin.

11. A method according to claim 10, further including the steps of:
providing a plurality of the first electrodes in the surface of the slider facing the slider supporter, and a plurality of the second electrodes in the surface of the slider supporter facing the slider, and electrically connecting the electrodes facing one another to one another with the anisotropic conductive resin.

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